S/058/61/000/010/013/100 A001/A101

AUTHORS:

Bartke, Ya., Chok, P., Gerulya, Ya., Kholinskiy, R., Miyezovich, M.,

Sanevskaya, T.

TITLE:

Angular distribution of secondary particles in interactions of nuc-

leons with heavy nuclei of the photoemulsion

PERIODICAL:

Referativnyy zhurnal.Fizika, no.10, 1961, 96, abstract 10B495 ("Tr.

Mezhdunar, konferentsii po kosmich, lucham, 1959, v. 1", Moscow,

AN SSSR, 1960, 106 - 110)

TEXT: The authors investigate angular distributions of secondary particles produced in collisions of nucleons with heavy nuclei of photoemulsion. The results obtained are compared with predictions of the hydrodynamical theory (tube model) and the two-center model.

[Abstracter's note: Complete translation]

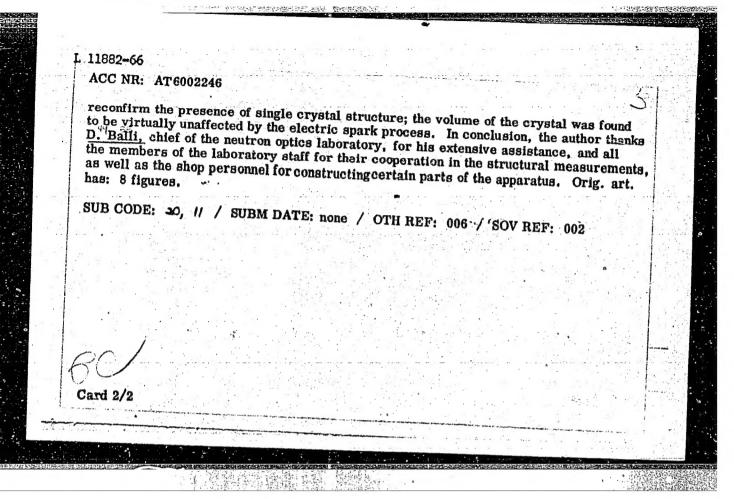
Card 1/1

CHOK, Z. [Ciok, Z.] (Pol'sha)

Nonsimultaneous short-circuits in three-phase networks and their effect on the operation of circuit breakers. Vykl. vys. napriazh. no.4:133-147 '64. (MIRA 17 10)

EWT (1)/EWT (m)/T/EWP(t)/EWP(b)/EWA(c) IJP(c) JD/3G ACC NR: AT6002246 SOURCE CODE: UR/2564/65/006/000/0151/0157 47 44 55 AUTHOR: Choka, V. ORG: none TITLE: Technique of growing and working large Pb and Zn single crystals for use in SOURCE: AN SSSR. Institut kristallografii. Rost kristallov, v. 6, 1965, 151-157 TOPIC TAGS: single crystal growing, zinc, lead, crystal structure ABSTRACT: Lead and zinc single crystals were prepared from the melt by the methods of Bridgman and Chalmers, and the equipment constructed for use in each method is described. Technical-grade reagents containing no more than 0.02% impurities were employed. Zone refining, used twice, increased the purity of the crystals by two orders of magnitude. Zinc and lead crystals measuring up to 85 mm in diameter and 250 mm long were thus obtained. X-ray diffraction patterns confirmed the presence of single crystal structure. The crystals were cut into plates by the electric spark method, the apparatus for which is described. The plates, cut parallel or at right angles to a given crystallographic plane, were subjected to analysis by neutron diffraction to Card 1/2

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000509010004-2



SATPAYEV, K.I.; BORUKAYEV, R.A.; AKHMEDSAYIN, U.M.; BOK, I.I.; KUSHEV, G.L.;
SERGITEV, N.G.; SHLYGIN, Ye.D.; SHCHKERA, G.M.; MONICH, V.K.;
LOMOHOVICH, I.I.; LAVROV, V.V.; MEDOLEV, G.TS.; NOYOKHASKIY, I.P.;
BARROT.DR.MARNI, A.V.; GALITEKIY, V.V.; KOLOTILIN, N.Y.; ZHILINSKIY,
G.B.; KAYUPOV, A.K.; KAZAMLI, D.M.; SATPAYEVA, T.A.; ARDULKABROVA,
M.A.; GAZIZOVA, K.S.; VEYTS, B.I.; KHAYBUVDINOV, D.KN.; MUKHAMEDZHANOV,
S.M.; CHOLPANKULOV, T.Ch.; PABSHIN, A.V.; TAZHHRAYEVA, P.T.; YANULOVA,
M.K.; BYKOVA, M.S.; VOLKOV, A.N.; BOLGOV, G.N.; MITRIAYEVA, N.M.;
CHOKABAYEV, S.YG.; KUNAYEV, D.S.; YARENSKAYA, M.A.; REBROVA, T.I.

Tireless explorer of the depths of the sarth's crust; on the 65th
birthday and 40th anniversary of the scientific engineering activities of Academician M.P. Rusakov, Vest. AN Kazakh. SSR 13
no.12:96-97 D '57,
(Rusakov, Mikhail Petrovich, 1892-)

(Rusakov, Mikhail Petrovich, 1892-)

CHOKAN, Ion

Marksmanship in the Rumanian People's Republic. Voen.znan. 31 no.3:12 Mr '55. (MLRA 8:7)

1. Inspektor Komiteta po delam fizicheskoy kul'tury i sporta Rumynskoy Narodnoy Respubliki (Rumania--Shooting)

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000509010004-2

CHUKANUV, K.; LEUNONGV, I.; KONFORTI, B.

"Orthopedicsurgical Treatment of Arthritis." p. 2,
(ZDRAVEN FROAT, No. 47, Nov. 1954, Sofiya, Bulgaria)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. A.
No. 5, Nay 1955, Uncl.

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000509010004-2"

A CONTRACTOR OF THE

```
GORANOV, I.; dotsent; CHOKANOV, K.; KHADZHIDEKOV, G.

Case of eosinophilic gramuloma of the radius. Khirurgiia, Sofia.

8 no.5:456-459 '55.

(ROSINOPHILIC GRANULOMA, radius)

(RADIUS, diseases, eosinophilic gramuloma)
```

CHOKANOV, Kr.; KHADZHIDEKOV, G.Zh.

Problem of fibrous dysplasia with report of two cases. Khirurgiia, Sofia 8 no.10:897-906 1955.

 Institut za spetsializatsiia i usuvurshenstvuvane na lekarite, Sofiia. Klinika po ortopediia. Direktor: prof. B.Boichen. Institut po rentgenologiia. Direktor: prof. G.Tenchov. (OSTRITIS FIBROSA, case reports, (Bul))

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000509010004-2"

CHOKANOV, K., starshiy assistent

Technic of arthrodesis of the hip joint. Ortop., travm. protez, 17 no.5:60-64 S-0 '56. (MLR& 10:1)

l. Iz kliniki ortopedii i travmatologii (dir. - prof. B.Boychev) Instituta dlya spetsializatsii i usovershenstvovaniya vrachey, Sofiya.

(HIP. surg. arthrodesis with transpl. of ilial ridge of femur head)

PETROV, Marin As. Prof. d-r.; CANCHEV. G., d-r.; CHOKANOV, Kr., D-r.

Gervicel rib & the scalenus syndrome. Izv. Mikrob. inst., Sofia no.8: 303-33t 1957.

1. Katedra po khirurgichna propedevtika (zav: prof. d-r G. Kapitanov) pri visahiia meditsinski institut v Sofiia.

(SCILENUS ANTIGUS SYNDROME

(Bul))

CHOKANOV, K.; IORDANOV, Em.

Volkmann's contracture in hemophilia. Khirurgiia, Sofia 10 no.3:
225-232 1957.

1. Institut za spetsializatsiia i usuvurshchenstvuvane na lekarite Sofiia Klinika na ortopediia i travmatologiia. Direktor: prof. B. Boichev.
(HENOPHILIA, compl.
Volkmann's contracture of left hand (Bul))
(VOIKNANN'S COMTRACTURE, compl.
hemophilia in left hand contracture (Bul))

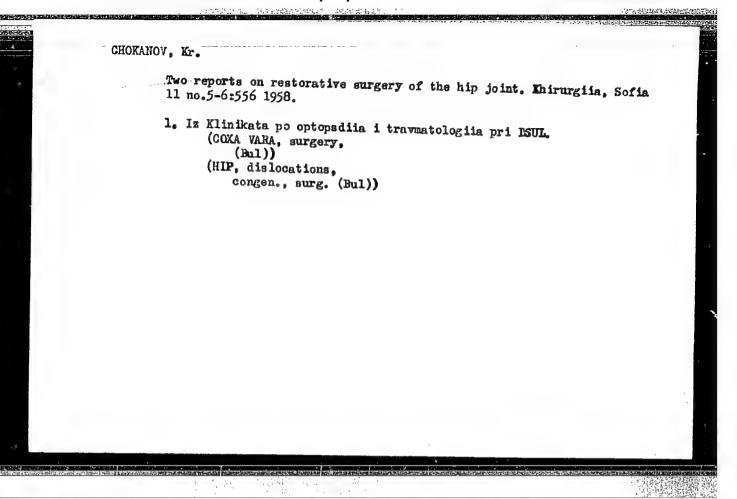
CHOKANOV, K.

Treatment of fractures of the neck of femur. Khirurgiia, Sofia 10 no.7:

l. Institut za apetsializatsiia i usuvurshenstvuvane na lekarite--Sofiia klinika po ortopediia i travmatologiia. Direktor: prof. B. Boichev. (FEMUR, NECK, fract. management (Bul))

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000509010004-2"

一 的 都是是是實際的學生



CHOKANOV, K., dots.

On 3 cases of dislocation of the semilunar bone. Khirurgiia, Sofia 13 no.2-3:260-262 '60.

1. Iz Katedrata po ortopedija i travmatologija pri ISUL. (SENIKUMAR BONE fract & disloc.)

CHOKANOV, K. dots.; DANOV, L.

On osteogenesis imperfects with report of 2 cases. Khirurgiia, Sofia 13 no.5:453-459 *60.

1. Institut za spetsializatsiia i usuvurshenstvuvane na lekarite, Sofiia. Katedra po ortopediia i travmatologiia. Zav. katedrata: prof. B.Boichev.

(OSTEOGENESIS IMPERFECTA case reports)

CHOKANOV, K., dots. A case of benign chondroblastoma on the 1st metatarsal bone (II). Khirurgiia, Sofia 14 no.9:795-801 '61. 1. Institut za spetsializatsiia i usuvurshenstvuvane na lekarite, Sofiia. Katedra po ortopediia i travmatologiia. Zav. katedrata: prof. B. Boichev. (METATARSUS neoplasms) (CHONDROBLASTOMA case reports)

CHOKANOV, K., dotsent; VLADKOV, O.

Arthrodesis of the hip foint in specific coxitis. Khirurgiia 15 no.2/3:319-322 '62.

1. Is Katedra po ortopediia i travmatologiia pri ISUL [Institut sa spetsializatsiis i usuvurshenstvuvane na lekarite] i Sanatorium sa kostno-stavna tuberkulosa - s. Raduntsi.

(HIP surg)

CHOKANOV, K., dots.; RAICHEV, R., dots.

A case of a benign chondroblastoma bone with a rare localisation. Khirurgiia (Sofiia) 16 no.4:387-392 '63.

l. Iz Katedrata po ortopediia i travmatologiia pri ISUL [Institut za spetsializatsiia i usuvurshenstvuvane na lekarite] i Nauchno-izsledovatelskiia institut po onkologiia. (CHONDROBLASTOMA) (HIP) (BONE NEOPLASMS)

CHOKHELI, A.I., student (Tbilisi)

An important condition. Zdorov'e 3 no.1:12 Ja '57. (MIRA 10:2) (STUDENTS--DISEASES AND HYGIERE)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000509010004-2"

CHOKHELI, I.A.

Conference on health measures for industrial workers. Gig.i san. no.5:58 My '53. (MLRA 6:5) (Industrial hygiene).

IOSELIANI, T.K.; NANEYSHVILI, T.L.; CHOKHELI, K.G.

Data on the interaction of responses from the spinal cord in paired stimulation of afferent nerves. Piziol. zhur. 51 no.1:65.70 Ja '65.

1. Institut fiziologii Gruzinskoy SSR, Tbilisi.

(MIRA 18;7)

CHEKHINECIDEC, G. J.

15-57-4-5392D

Translation from: Referativnyy zhurnal, Geologiya, 1957, Nr 4,

p 184 (USSR)

AUTHOR:

Chokhonelidze, G. I.

TITLE:

Estimates of Physical and Technical Properties of Salt-Containing Soils, to be Used in Hydrotechnical Structures (K voprosu otsenki fiziko-tekhnicheskikh svoystv zasolennykh gruntov, ispol'zuyemykh v gidrotekhnicheskikh

sooruzheniyakh)

ABSTRACT:

Bibliographic entry on the author's dissertation for the degree of Candidate of Technical Sciences, presented to the Gruz. n.-i. in-t gidrotekhn. i melior. (Georgian Scientific Institute of Hydrotechnology and Reclamation). Tbilisi, 1956.

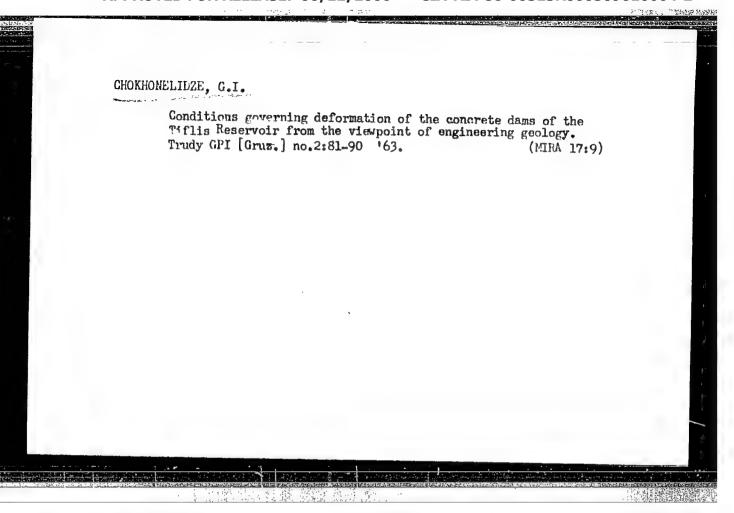
ASSOCIATION:

Gruz. n.-i. in-t gidrotekhn. i melior. (Georgian

Scientific Institute of Hydrotechnology and Reclamation).

Card 1/1

CHOKHCNELIDZE, G.I. Effect of moisture on the elastic properties of cohesive scils. Trudy GruzNIIGiM no.20:313-317 '58. (MIRA 15:5) (Soil moisture) (Soil mechanics)



CHOKIN, A.R.

Public health services in Kazakhstan during the period 1917-1920. Edrav. Kazakh. 16 no.11:41-44 * 56. (MLRA 10:1)

1. Iz kafedry organizatsii zdravookhraneniya i istorii meditsiny (zav. - dotsent A.H. Polyanskiy) Kazakhskogo gosudarstvennogo meditsinskogo instituta imeni V.M.Moloteva.

(KAZAKHSTAN--PUBLIC HEALTH--HISTORY)

USSR/Microbiology - Microbiology Pathogenic to Humans and Animals.

F-4

Abs Jour

: Ref Zhur - Biol., No 12, 1958, 52855

Author

: Karakulov, I.K., Mertsalov, Ye.H., Chokin, A.R.

Inst

•

Title

Certain Results of Prophylaxis of Infectious Diseases in

the Kazakh SSR.

Orig Pub

: Zh. mikrobiol., epidemiol. i immunobiol., 1957, No 10,

11-14.

Abstract

: No abstract.

Card 1/1

- 47 -

KARAKULOV, N.K.; KOSTINA, K.A.; LINETSKAYA, Yu.S.; CHOKIN, A.R.

Achievements in the campaign against infectious diseases in Soviet Kazakhstan. Zdrav.Kazakh. 17 no.10/11:27-32 '57.

(MIRA 12:6)

(KAZAKHSTAN--COMMUNICABLE DISEASES)

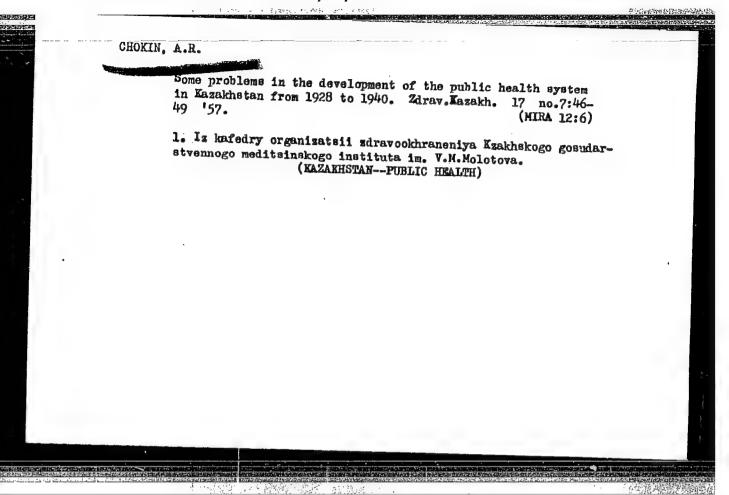
CHOKIN, A.R. aspirant

Public health in prerevolutionary Kazakhstan. Zdrav.Kazakh. 17 no.2:38-42 '57. (MIRA 12:6)

1. Iz kafedry organizatsii zdravookhraneniya Kazakhskogo gosudarstvennogo meditsinskogo instituta im. V.M.Molotova. (KAZAKHSTAN--PUBLIC HEALTH)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000509010004-2"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000509010004-2



KARAKULOV, I.K.; MERTSALOV, Ye.N; CHOKIN, A.R.

Certain aspects of prevention of infectious diseases in the Kazakh Republic. Zhur.mikrobiol.epid. i immun. 28 no.10:11-14 0 '57.

(MIRA 10:12)

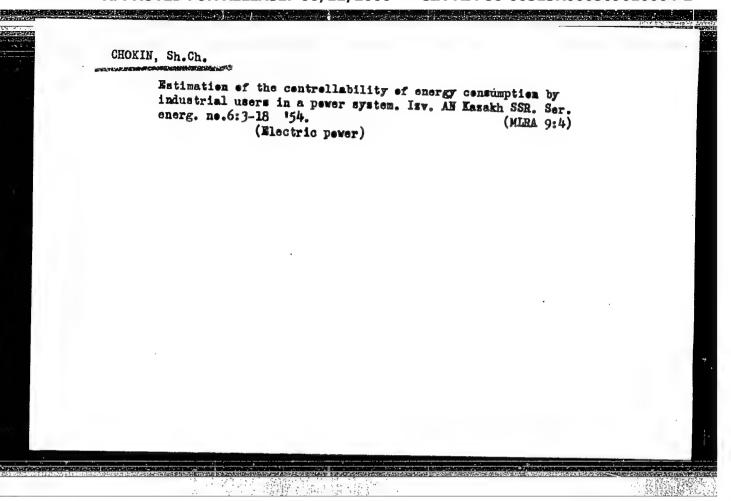
1. Iz kafedry epidemiologii Kazakhskogo gosudarstvennogo meditsin-akogo instituta.

(COMMUNICABLE DISEASES, prevention and control, in Russia (Rus))

CHOKIN, A.R., dotsent

Sanitary and epidemiological services in Kazakhstan during the Great Patriotic War (1941-1945). Zdrav.Kazakh. 22 no.3:64-66 '62. (MIRA 15:12)

1. Iz kafedry organizatsii zdravookhraneniya i istorii meditsiny (zav. - doktor med.nauk R.I.Samarin) Kazakhskogo meditsinskogo instituta.
(KAZAKHSTAN-WORLD WAR, 1939-1945-MEDICAL AND SANITARY AFFAIRS)



CHOKIN, Sh.Ch.

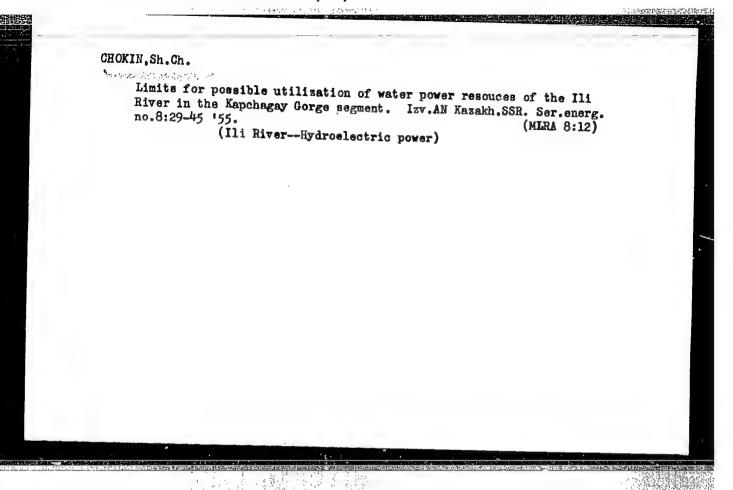
Approximate evaluation of the detriment to the power system due to underproduction of electric power by the hydroelectric power station Izv.AN Kazakh.SSR. Ser.energ. no.7:3-9 '54. (MIRA 8:12) (Electric power production)

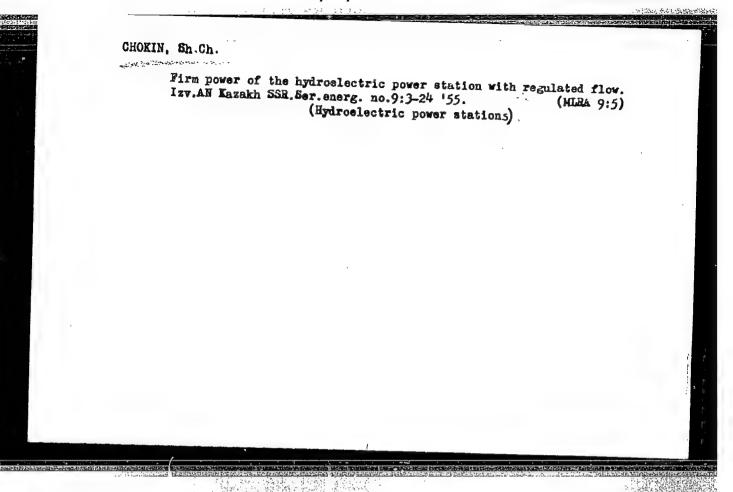
CHOKIN, Sh. Cha. doktor tekhnichsekikh nauk,

Chief method of carrying out the rural electrification of
Kazakhatan, Vest. AN Kazakh, SER 11 no. 9:3-27 % '54,

(Kazakhatan-Rural electrification) (MIRA 8:2)

1 1,01,05 VSSR/Engineering - Irrigation Card 1/1 Pub. 123 - 2/12 Authors & Chokin, Sh. Ch.; Kalachev, I. S.; and Kiktenko, V. A. Title. Regarding the problem of irrigation of the central Kazakhstan with Irtysh river water Periodical : Vest. AN Kaz. SSR 6/123, 15-24, June 1955 Abstract The fast development of industry and agriculture in the central Kazakhstan brought up the problem of a more intensive water supply it the Kazakhstan where the natural sources of water are inadecuate. Two projects were worked out in solving the above mentioned problem. An outlined description of these projects is presented. The construction of dams utilizing the Irtysh river waters is suggested in both projects. Map; table. Institution : Submitted





CHOKIN, Sh.Ch.; KIKTENKO, V.A.

Present proposals and principles on the construction of an efficient water supply plan for industrial power centers in central Kazakhstan based on the Irtysh River streamflow. Vest.AN Kazakh.SSR 11 no.8: 3-16 Ag 155. (MIRA 9:1)

(Kazakhstan--Water resouces development)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000509010004-2"

CHOKIN, Sh.Ch.; KIRTKNKO, V.A.

Local water supply regimen of industrial power centers in central Kazakhstan. Vest.AN Kazakh.SSR 11 no.9:11-26 S '55. (MLRA 9:1) (Kazakhstan--Water supply)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000509010004-2"

USSR/Engineering - Water power Card 1/1 Pub. 123 - 7/11 Authors Chokin, Sh. Ch., and Kiktenko, V. A. Title Proper method of feeding water from the Irtysh River into Central Kazakhstan for industrial and electrical power Periodical : Vest. AN Kaz. SSR 12, 63-64, Dec 1955 Abstract : A rational method of supplying water from the Irtysh River into Central Kazakhstan for industrial and electrical power, is explained. Map showing the main channel and its branches is included. Eight USER references (1937-1955). Tables; chart. Institution: Submitted

8(5)

SOV/112-58-3-3766

Translation from: Referativnyy zhurnal. Elektrotekhnika, 1958, Nr 3, p 35 (USSR)

AUTHOR: Zakharov, V. P., and Chokin, Sh. Ch.

TITLE: Basic Methods for Determining an Estimated Rule Curve for Operation of Hydro Plants and the Hydro-Power System (Osnovy metodiki predeleniya raschetnoy obespechennosti raboty GES i gidroenergosistemy)

PERIODICAL: Izv. AS Kazakhskaya SSR, Ser. energ., 1956, Nr 10, pp 3-47

ABSTRACT: Fundamental methods are presented for determining the optimum hydro-operating schedules for hydro plants and for power systems with predominating hydro plants, for both cases of controlled and noncontrolled runoffs. Principal power-economy peculiarities of operating such plants and power systems are presented. Additional cost of labor caused by variable hydro-power production conditions is discussed in detail, methods are presented for evaluating the power-production deficits under various plant operating conditions (curves of energy deficit division, curves of hydro-plant

Card 1/2

8(5)

SOV/112-58-3-3766

Basic Methods for Determining an Estimated Rule Curve for Operation of Hydro .

shares in peak-load taking; an analysis is submitted of additional cost of non-productive labor caused by variable conditions of energy production at hydro plants; an evaluation is offered of the part played by steam plants and industrial enterprises in regulating the energy balance of the power system (curves of power deficit in the system). Materials and graphic methods are presented for determining the probable average values of national-economy deficits of energy production by a power system; methods are recommended for approximate evaluation of estimated rule curves for hydro plants and power systems with predominating hydro plants, for both natural and controlled runoff conditions.

V.A.P.

Card 2/2

CHOKIN, Sh.Ch.

The Academy of Sciences of the Kazakh S.S.R. prepares for the 20th Congress of the Communist Party of the Soviet Union. Vest.AN Kazakh.SSR 12 no.1:I-XIV Ja '56. (MLRA 9:5)

1. Akademik-sekretar' AN KazSSR.
(Academy of Sciences of the Kazakh S.S.R.)

CHOKIN, Sh.Ch., akademik-sekretar'.

Basic results of the scientific activity of the Academy of Sciences during the fifth five-year plan and the plan for scholarly work during the period 1956-1960. Vest.AN Kazakh.SSR 12 no.7:3-25 \$56.

(MLRA 9:9)

1. Akademiya nauk Kazakhskey SSR. (Kazakhstan-Research)

CHOKIN. Sh.Ch., otvetstvennyy redaktor; KRAVCHENKO, V.I., redaktor; MAYZEL:
S.IA., redaktor; MIRZAKEYEV, K.M., redaktor; SEROV, F.I., redaktor;
VASLAVSKIY, N.A., redaktor; ALJEROVA, P.F., tekhnicheskiy redaktor.

[Use of wind power in agriculture of Kazakhstan; proceedings of a scientific and technical conference on the use of wind power, held September 1955, at the Power Institute of the Academy of Sciences and Ministry of Agriculture of Kazakhstan Ispol sovanie energii vetra v sel skom khoziaistve Kazakhstan; trudy nauchno-tekhnicheskoi konferentsii po vetroispol sovaniiu, sostoiavsheisia v sentiabre 1955 goda v Institute energetiki Akademii nauk i Ministerstve sel skogo khoziaistva Kazakhskoi SSR. Alma-Ata, Izd-vo Akad.nauk Kazakhskoi SSR, 1957, 204 p. (MIRA 10:5)

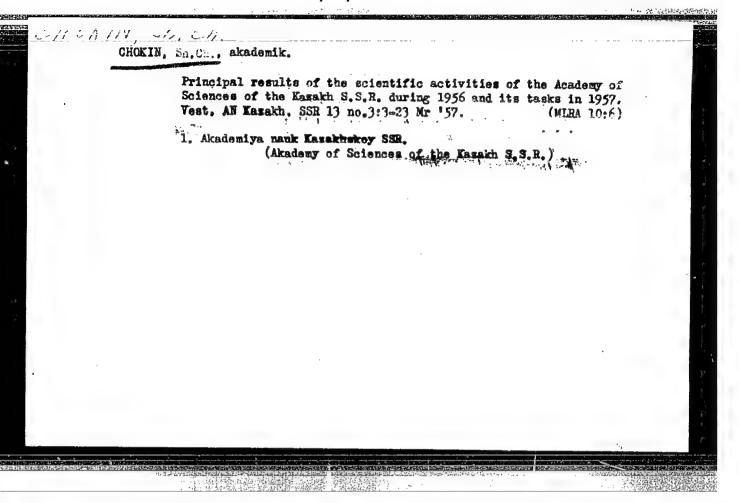
1. Nauchno-tekhnicheskaya konferentsiya po vetroispolizovaniyu. Alma-Ata, 1955.

(Kazakhstan-Wind power)

CHOKIN, Sh. Ch.

"Forty Years of Development of Power Economy in Kazakhstan," p. 122, in Science in Kazakhstan during the Forty Years of the Sovit Regime. Alma-Ata, Izd-vo AN Kazakhskoy SSR, 1957. 452p. (ed. Satpayev, K. I.)

This m is a collection of articles (20% compiled by 24 authors on various aspects of scientific progress in Soviet Kazakhstan. One third of the articles' also deal with the progress made in the main fields of industrial endeavor. The articles on the development of science survey the main contributions made in the respective branches by Kazakh scientists, and enumerate and describe the existing scientific institutes, organizations, and universities. A large number of scientists are mentioned and their fields of interest stated.



CHOKIN, Sh.Ch.; REZNYAKOV, A.B.; MAYZEL', S.Ya.

Establishing a unified power system of Kazakhstan. Vest.AM Kazakh.

SSR 13 no.9:3-13 S '57.

(Kazakhstan--Electric power distribution)

(Kazakhstan--Electric power distribution)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000509010004-2"

CHOKIN, Sh. Ch.; KIKTENKO, V.A.; ZHULAYEV, A.Zh.

Basic indices and comparative evaluation of variants of the Irtysh-Central Kazakhstan Canal route. Vest. AN Kazakh. SSR 13 no.12:3-15 D '57. (MIRA 11:1)

(Kazakhstan--Canals)

SATPAYEV, K.I., akademik, otv.red.; BALBACHAN, Ya.I., kand.tekhn.nauk, red.; BOGATYREV, A.S., red.; ZYKOV, D.A., red.; ONIKA, D.G., doktor tekhn.nauk, red.; CHOKIN, Sh.Ch., akademik, doktor tekhn.nauk, red.; ZA-PLAYNOV, O.V., otv. za vypusk; POGOZHEV, A.S., otv. za vypusk; ALYEROVA, P.F., tekhn.red.

[Productive forces of central Kazakhstan; studies of the Karaganda Joint Academic Session which took place on November 17-22, 1958] Proizvoditel'nye sily TSentral'nogo Kazakhstana; trudy Karagandinskoi Ob edinennoi nauchnoi sessii, sostoiavsheisia 17-22 noiabria 1958 goda. Alma-Ata, Izd-vo Akadanauk Kazakhskoi SSR. Vol.1.
[Plenary session] Plenarnye zasedaniia. 1958, 218 p. (MIRA 12:9) (Continued on next card)

CHOKIN, Misfik Chokinovich, akad.doktor tekhn.nauk, RZHONDKOVSKAYA, L.S., red.; EUZKATSOV, Tu.W., red.; SUSHCHIKH, I.D., red.; ALFEROVA, P.F., tekhn.red.

[Estimated dependable power of hydroelectric power stations]
Raschetnaia obespechennost' raboty gidroelektrostantsii. Alma-Ata,
Izd-vo Akad.nauk Kazakhskoi. SSR, 1958, 269 p. (MIRA 11:8)

1. AN KazSSR (for Chokin).
(Hydroelectric power stations)

CHOKIN, Sh. Ch.

8(6)

PHASE I BOOK EXPLOITATION

sov/2083

- Kalachev, Nikolay Stepanovich, Saveliy Yakovlevich Mayzel', Aleksandr Borisovich Reznyakov, and Shafik Chokinovich Chokin
- Energetika Kazakhstana (Power Resources of Kazakhstan) Alma-Ata, Izd-vo AN Kazakhskoy SSR, 1958. 222 p. Errata slip inserted. 1,300 copies printed.
- Sponsoring Agency: Akademiya nauk Kazakhskoy SSR. Institut energetiki.
- Ed. (Title page): Sh. Ch. Chokin, Academician, Kazakh SSR Academy of Sciences; Eds. (Inside book): L. S. Rzhondkovskaya and Yu. N. Kuznetsov; Tech. Ed.: P. F. Alferova.
- PURPOSK: This book is intended for engineers, geographers, economists, and other persons interested in the potential and present power resources of the Kaz-akh Republic.
- COVERAGE: The monograph consists of two parts: The first, based on factual data, reviews in detail the fuel, hydro and wind-power resources of Kazakhstan, the degree to which they have been studied, their distribution throughout the territory, their quantitative and qualitative characteristics, and also, their

Card 1/4

Power Resources of Kazakhstan

sov/2083

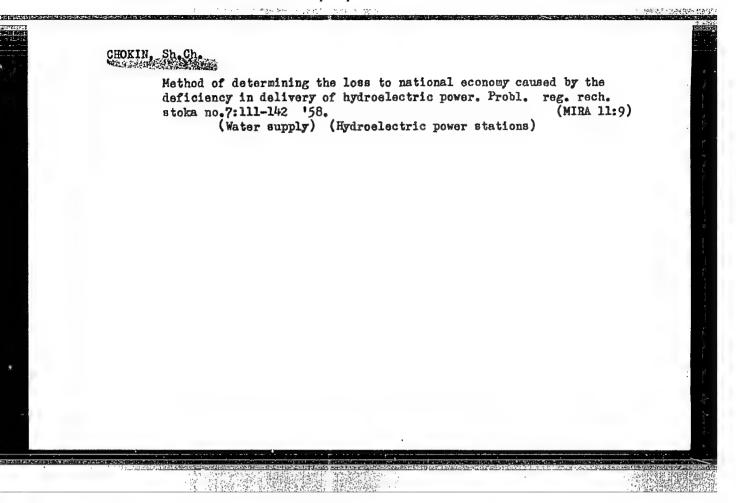
prospective utilization. The second part treats of general principles for developing the power resources of the Republic as a whole and that of the four power-producing regions. Considerations for creating and developing a unified power system for Kazakhstan are presented and a short historical resume of the development of Kazakh power resources up to 1957 is included. The economic maps comprising Figures (3) to (13) show: (3) the distribution of potential power resources (4) coal and lignite fields (5) water-power resources and their distribution into water-supply zones (6) regionalization according to frequency and mean annual average velocities of winds (7) variation of utilization coefficients of installed capacities and expected standstills of wind-power units (8) regionalization of power resources (9) map of water-power utilization for the northern region (including existing and planned dams, potential hydroelectric stations, pipelines, etc.) (10) Eastern power region (legend similar to (9)), (11) Northern power region (legend similar to (9)), (12) Regionalization plan based on the degree of agricultural electrification (kw/km²) and (13) prospective plan for inter-powersystem connections. The authors thank Academician V. P. Zakharov and Candidates of Technical Sciences V. A. Kiktenko and V. V. Favorskiy.

Card 2/4

Power Resources of Kazakhstan	sov/2083
There are 211 Soviet references.	
PARTE OF CONTENTS:	. 3
Foreword	
Introduction	Ħ
Review of the Present State of Power Resources in Kazakha	stan 9
PART I. KAZAKH POWER RESOURCES	
Ch. I. General Characteristics of Power Resources	27
Ch. II. Fuel-Power Resources	33
Ch. III. Water-Power Resources	57
	82
Ch. IV. Wind-Power Resources	
Card 3/4	

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000509010004-2"

Power Resources of Kazakhstan SOV/2083	
PART II. FUNDAMENTAL PRINCIPLES FOR THE ELECTRIFICATION OF THE NATIONAL ECONOMY OF KAZAKHSTAN	
Ch. I. General Principles	91
Ch. II. The Northern Power Region of Kazakhstan	109
Ch. III. The Eastern Power Region of Kazakhstan	136
Ch. IV. The Southern Power Region of Kazakhstan	157
Ch. V. The Western Power Region of Kazakhstan	182
Ch. VI. Fundamental Principles for the Prospective Electrification of Agriculture	188
Ch. VII. Fundamental Principles for a Unified Power System in Kazakhstan	195
Bibliography (main sources)	211
Card 4/4	TM/fal 8-18-59



SATPAYEV, K.I.; POLOSUKHIN, A.P.; BAISHEV, S.B.; CHOKIN, Sh.Ch.; BORUKAYEV, R.A.;
AKHMEDSAFIN, U.M.; KUSHEV, G.L.; SHCHERBA, G.N.; MONICH, V.K.; MEDOYEV,
G.TS.; LAVROV, V.V.; BARBOT-DE-MARNI, A.V.; GALITSKIY, V.V.; ZHILIBSKIY,
G.B.; KAYUPOV, A.K.; KAZANLI, D.N.; KOLOTILIN, N.F.; MUKHAMEDZHAROV, S.M.;
SATPAYEVA, T.A.; VEYTS, B.I.; GAZIZOVA, K.S.; CHOLPANKULOV, T.Ch.;
PARSHIN, A.V.; BYKOVA, M.S.; MITRYAYEVA, N.M.; VOLKOV, A.N.; CHAKABAYEV,
S.Ye.; YAHENSKAYA, M.A.; KHAYRUTDINOV, D.Kh.

On the 60th anniversary of the birth of I.I. Bok, Academician of the Academy of the Kazakh S.S.R. Vest. AN Kazakh SSR 14 no.10:95-96 (MIRA 11:12)

(Bok, Ivan Ivanovich, 1898-)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000509010004-2"

ZHULAYEV, R.Zh., kand.tekhn.nauk, otv.red.; VELIKANOV, M.A., red.;
DEMENT!YEV, M.A., prof., doktor tekhn.nauk, red.; DUMITRASHKO,
N.V., doktor geograf.nauk, red.; KAVETSKIY, S.P., kand.geograf.
nauk, red.; KOCHERGA, F.K., kand.sel'skokhoz.nauk, red.; CHOKIN,
Sh.Ch., akademik, red.; OSADCHIY, F.Ya., red.; ROROKINA, Z.P.,
tekhn.red.

[Materials of the Fourth All-Union Conference on Torrential Floods] Materialy IV Vsesoiuznoi konferentsii po selevym potokam. Alma-Ata, 1959. 231 p. (MIRA 12:10)

1. Akademiya nauk Kasakhakoy SSR, Alma-Ata. Institut energetiki.
2. Akademiya nauk Kazakhakoy SSR (for Zhulayev, Chokin). 3. Chlen-korrespondent AN SSSR (for Velikanov). 4. Vsesoyuznyy nauchno-issledovateliskiy institut gidrotekhniki (for Dementiyev). 4. Sredne-aziatskiy nauchno-issledovateliskiy institut lesnogo khozyayatva (for Kocherga).

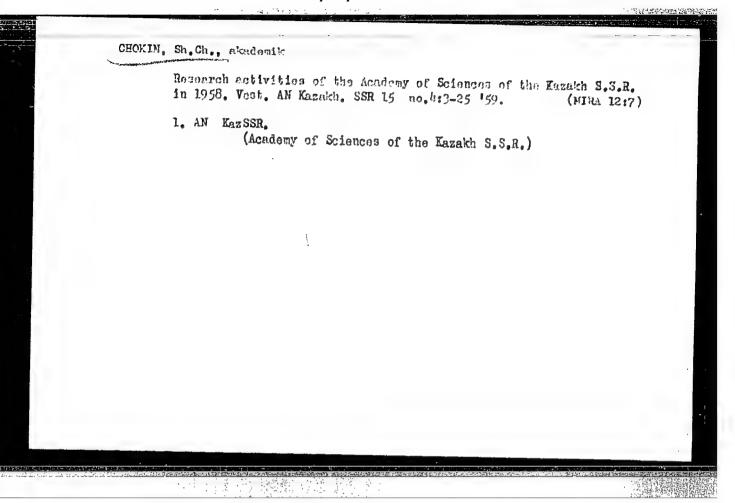
(Floods--Congresses)

	. 03	anovatomi Ata- nserted.	inter, F, kovich, Ebalov, I Sciencea,	, and the		-h	N 8	×	×	 	<u>.</u>	25	9			 &	200	100		ន្ទ	, n	383	25 25	
TOAN/108 EDITACIDEDE NOG I BAMP	Abadentys ment 8883, Berryscicheskiy institut im, G.M. Britichemovskogo,	Problemy energetiii; stornik porymathingvirys absdestin G.M. Erihitanovikomi (Problems of Power Engineering; Collection of Articles Dedicated to Assaudated al., Erihitanovikiy) Noscov, 1959, 851 p. Erats slig inserted. 2,500 congess printed.	Mis. of Publishing House; M.D. Antruchin, P.W. Dubov, P.I. Zubov, and S.M. Morrises; Yech. Ed.; E.A. Frusaiove; Editorial Board; L.V. Finter, Americal (Boorsel), V.I. Poptov (Stay), Ed.) Coversponding Methor, Landscope (States Bills, W.I. Veyts, A.S. Fredwolfeller, M.A. Chritzorich, K.W. Commissor, E.M. Bordanov, Candidate of Inchaled Sciences, M.K. Exilov, and E.M. Somitov.	NURVER: Into collection of articles is intenied as a tribute to the mentry of kendemician G.M. Erhistanovskiy.	OVERLOR: The collection contains sixty articles by former students and converters of the deceased declaration. The stratus deal with problems of a wide snape of subjects in the first of power explanation; problems of the name of subjects in the first of power explanation.	our manifold. Infrance are from after more articles. To personalities our manifolds. Sublim Back Prove Reference are from after more articles. Subliment Backmaning and the Science-Brown Expineering in	Alteade, A.E., B.A. Quil'smoothy and V.E. Solisquarty, Development of Retropous Reflecting in Assisychtan 22	Mergeling, E.G. Wort Injecture Problem of Building Freet Systems in the Coopying SSS in Consection With the Unification of Freez Systems of the Causada	Places, E.E. Problem of Four Reinsering in the Spudies of the Lindony of Sciences of the Lawren 228.	Ways, L.E. Studies of the Four Engineering Lastitute of the Ertonian Addess at Sciences in the Field of General Four Includering	Edget, R.E. Postur Pour Egissaring Research Expelitions by the Four Reinsering Institute Beni G.M. Ermithamority, Acadesy of Strawn 552	Defect, A.Ma. Fower Engineering and Distribution of Manufacturing Enterprises	Mekrasor, A.E. Some Problems on the Effects of Power Englasering on Industrial Specialization in Assimilated Regions of Pastern Siberia	Midinor, A.G. Properts of William the lone Miver and its fributaries for Fover Engineering Developments	Low array S. Basic Considerations of Electric Prest Supply Systems - Tor Bertal Beginss of Kirgin SER	Gerwich, B.4. Utilising the Capacity of Yover Systems and Conditions of Operation Under Load	Eplacev, I.S. Problems of Method in Prospective Planning of Distrib- wholffor in Emergency Reserve Acad, Electric Fover Stations of the Matter	Inbeder, M.M. Principles in Laying Out Electric Distribution Betworks	Exchicatily, E.E. Some Problems in the Transmission of Electrical Lord Over Extremely Long Distances	Zarulov, F.4. Some Scientific and Twentent Problems in Lupoving Reary Characteristics of Rydropows Station Regipment	itin, B.L. Developing Charmsteed draphs of Reservoir Dilliestion our Several Rydropover Stations Operating in a Cascade Connected With the Mater Economy	manistrature, A.E., Catchises Squattons and Louises for a Comparative Frilinking of the Power of Y. Tous Types of Estraction Sonomelessing Type Turbines	Levestall, f.B. Basic Principles of foint (barallal) Operation of Mairiet Rest-and-Fower firstions in the Production of Thermal Reary	
	•	. ·		di-	-		24	<u>.</u> [4]					-					p. 1-10 - 10-1				·	- 1	

ZHULAYEV, A.Zh.; KIKTZETKO, V.A.; CHOKIN, Sh.Ch.

Methods for calculating the route of water approach over a section of mountain passes on the run. Isv. AN Kazakh. SSR. Ser. energ. no.2: 5h-81 159. (MIRA 12:7)

(Hydraulics)



AVROV, P.Ya.; AYTALIYHV, Zh. A.; AUEZOV, M.O.; AKHMEDSAFIN, U.M.; BATISHCHEV-TARASOV, S.D.; BAZANOVA, N.U.; BAISHEV, S.B.; BAYKONUROV, A.Z.;

BEKTUROV, A.B.; BOGATYREV, A.S.; BOK, I.I.; BORUKAYEV, R.A.; BUBLICHENKO, N.L.; BYKOVA, M.S.; ZHILINSKIY, G.R.; ZYKOV, D.A.; IVANKIN, P.F.;

KAZANLI, D.N.; KAYUPOV, A.K.; KENKSBAYEV, S.K.; KOLOTILIN, M.F.;

KUNAYEV, D.A.; KUSHEV, G.L.; L.V.; J.V.; MASHANOV, O.Zb.; MEDOY, V.

G.TS.; MONICH, V.K.; MUKANOV, S.; HUSREPOV, G.; MUKHAMEDZHAUOV, S.M.;

PARSHIN, A.V.; POFROVSKIY, S.N.; POLOSUKHIN, A.F.; RUSAKOV, M.P.;

SERGIYEV, N.G.; SEYPULLIU, S.Sh.; TAZHIBAYEV, P.T.; FESENKOV, V.G.;

SHLYGIN, YG.D.; SHCHERBA, G.N.; CHOKIN, Sh.Ch.; CHOLPANKULOV, T.Ch.

Sixtieth birthday of Academician Kanysh Imantaovich Satpaev. Vest.

AN Kazakh. SSR 15 no.4:58-61 Ap '59. (MIRA 12:7)

(Satpaev, Kanysh Imantaovich, 1899-)

_CHOKIN, Sh.Ch., otv. red.; AKHNEDSAFIN, U.M., red.; MAYZEL', S.Ya., red.; OSORGIN, A.V., red.; ZHUKOVA, N.D., red.; SEMENOV, M.N., red.; ALFEROVA, P.F., tekhn. red.

[Productive forces of central Kazakhstan]Proizvoditel'nye sily TSentral'nogo Kazakhstana; trudy sessii. Alma-Ata, Izd-vo Akad. nauk Kazakhskoi SSR. Vol.5.[Power engineering, water supply engineering, construction, and transportation]Energetika i vod-noe khoziaistvo, stroitel'stvo i transport. 1959. 257 p.

(MIRA 15:12)

1. Obiyedinennaya nauchnaya sessiya po problemam razvitiya proizvoditel'nykh sil TSentral'nogo Kazakhstana, Karaganda, 1958. 2. Institut energetiki Akademii nauk Kazakhskoy SSR (for Mayzel'). 3. Akademiya nauk Kazakhskoy SSR (for Chokin). 4. Institut geologicheskikh nauk Akademii nauk Kazakhskoy SSR (for Akhmedsafin). 5. Institut ekonomiki Akademii nauk Kazakhskoy SSR (for Osorgin).

> (Kazakhstan--Water supply engineering) (Kazakhstan--Construction industry) (Kazakhstan--Transportation)

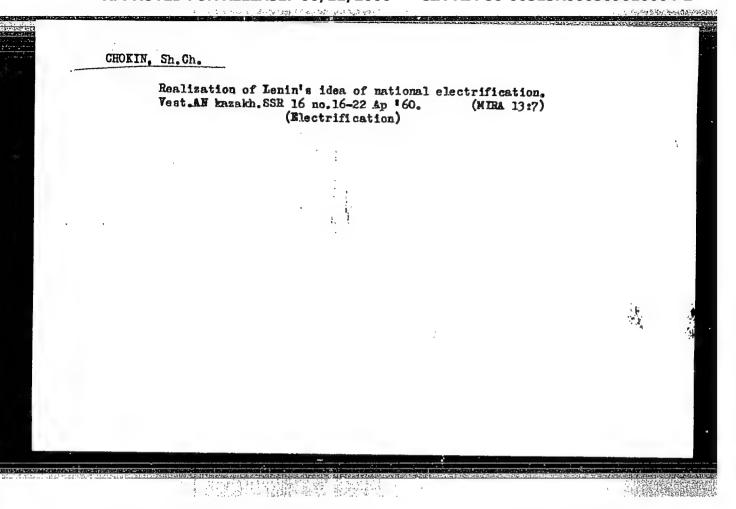
CHOKIN, Sh.Ch., akademik, red.; KIKTENKO, V.A., kend.tekhn.neuk, red.; ZAPLAVNOV, O.V., red.; PROKHOROV, V.P., tekhn.red.

103

[The problem of water supply in central Kazakhstan] Problems vodoobespecheniia TSentral'nogo Kazakhstana; sbornik statei. Pod red. Sh.Ch. Chokina i V.A.Kiktenko. Alma-Ata, 1960. 364 p.

1. Akademiya nauk Kazakhakoy SSR, Alma-Ata. 2. AN KazSSR (for Chokin). 3. Institut energetiki AN KazSSR (for Chokin, Kiktenko).

(Kazakhatan--Water supply)



SATPAYEV, K.I., glavnyy red.; CHOKIN, Sh.Ch., otv.red.; BAZANOVA, N.U., red.; BEKTUROV, A.B., red.; POKROVSKIY, S.N., red.; POLOSUKHIN, A.P., red.; TAKIBAYEV, Zh.S., red.; ASAINOV, N.A., red.; POGOZHEV, A.S., red.; SEMENOV, M.N., red.; PROKHOROV, V.P., tekhn.red. [Science in Soviet Kazakhatan, 1920-1960] Nauka Sovetskogo Kazakhatana, 1920-1960. Alma-Ata, 1960. 688 p. (MIRA 13:12) 1. Akademiya nauk Kazakhskoy SSR, Alma-Ata. (Kazakhatan--Science)

CIA-RDP86-00513R000509010004-2"

APPROVED FOR RELEASE: 06/12/2000

CHOKIN, Sh.Ch., akademik

Annual general assembly of the Academy of Sciences of the Kazakh S.S.R. (April 27, 1960). Vest.AN Kazakh.SSR 16 no.5:12-23 My 160. (MIRA 13:7)

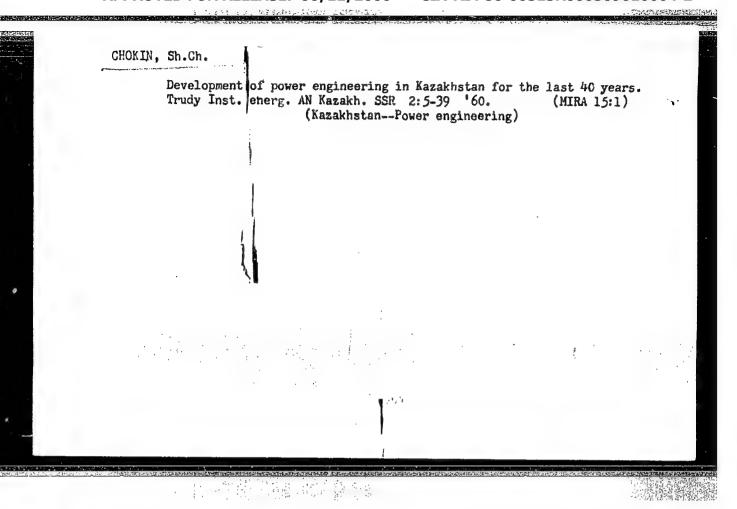
1. Akademiya nauk KazSSR.

(Academy of Sciences of the Kazakh S.S.R.)

STAPAYEV, K.I.; KADYRBAYEV, R.A.; SANDRIGAYLO, S.F.; CHOKIN, Sh.Ch.;
MUSIN, A. Ch.

Well-known specialist; on the 50th birthday of D.G.Onik. Vest.AN Kazakh.SSR 16 no.11:99-100 N '60. (MIRA 13:12) (Onik, Dmitrii Grigor'evich, 1910-)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000509010004-2"



CHOKIN, Shoch.

Lenin's theory of electrification as the technical foundation of the building of communism. Trudy Inst.energ.AN Kazakh.SSR 3:3-13 161. (MIRA 14:12)

(Electrification) (Ienin, Vladimir Il'ich, 1870-1924)

CHOKIN, Sh, Ch., akademik

Principal results of research activities of the Kazakh Academy of Sciences in 1960 and its next objectives. Vest.AN Kazakh SSR 17 no.6:38-53 Je '61. (MIRA 14:6)

1. Akademiya nauk Kazakhskoy SSR. Akademik-sekretar¹ Akademii nauk Kazakhskoy SSR.

(Ukraine-Research)

CHOKIN, Sh.Ch., akademik

Results of the scientific work in 1961 and future tasks of the Academy of Sciences of the Kazakh S.S.R. Vest. AN Kazakh. SSR 18 no.6:11-25 Je '62. (MIRA 15:9)

1. Sekretar' Akademii nauk Kazakhskoy SSR. (Academy of Sciences of the Kazakh S.S.R.)

ZAKHAROV, V.P.; KIM, V.Ya.; CHOKIN, Sh.Ch.

Methods for the practical calculation of water supply guaranteed to hydroelectric power stations. Probl. gidroenerg. i vod. khoz. no.1:10-52 '63. (MIRA 16:12)

1. Institut energetiki AN KazSSR.

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000509010004-2

CHOKIN, Sh.Ch.; REZNYAKOV, A.B.

Tasks of power engineering research in Kazakhstan in its new stage. Isv. AN Kazakh. SSR. Ser. tekh. 1 khim. nauk no.21 83-86 '63.

(MIRA 17:2)

KALACHEV, Nikolay Stepanovich; LAVRENT'YEVA, Lyudmila Lmitriyevna; CHOKIN, Sh.Ch., akademik, red.; FOGOZHEV, A.S., red.; GLAZYRINA, D.M., red.

[Cadastral survey of water-power resources of the rivers of the Kazakh S.S.R.; potential resources] Vodnoenerge-ticheskii kadastr rek Kazakhskoi SSR; potentsial'nye resursy. Alma-Ata, Nauka, 1965. 706 p. (MIRA 18:7)

1. Akademiya nauk Kazakhskoy SSR (for Chokin).

TSURAI, I.; PAPAKHADZHI, E., MAKSIMILIYAN, V.; CHOKINE-BZNESKU, K.; SHTEFENESKU, V.; ZHERKAN-ALBU; PETRESKU, K., KUREA, B., ROSHALE, E.

Paralysis of the right half of the diaphragm. Vest. khir. 84 no.5: 26-32 My '60. (MIRA 13:12)

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000509010004-2

ACC NR. AP6009548 SOURCE CODE: UR/0413/66/000/005/0081/0081 Tseruashvili, G. Ye.; Supatashvili, M. Sh.; Chokheli, G. D. INVENTOR: ORG: none 47 TITLE: Method for determining the atomization property of water 13 solutions and their deposition weight of an area unit. Class 42. No. 179507 SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 5, 1966, 81 TOPIC TAGS: atomization, diesel fuel, deposition weight ABSTRACT: An Author Certificate has been issued for a method of determining the atomization property of water solutions and their deposition weight on an area unit, with the aid of a drop-collecting oily medium. To increase the determination accuracy, a two-phase medium is used, such as motor oil/or diesel fuel/in which the spherical drops being studied, are situated in a single plane at the boundary of these media and are not subject to evaporation and spreading. SUB CODE: 20, 11/ SUBM DATE: 04Mar65/ Card 1/1 #1/ VDC: 632.982.532.69

CHOKLO, A.I., master

Operational reliability of S_3^r motorcars has increased. Elek. i tepl. tiaga 4 no. 9:14-15 8 '60. (MIRA 13:12)

1. Izmeritel'nyy tsekh elektrovozoremontnogo depo Perm'.
(Railroad motorcars)

CHOKONELIDZE, G. I.

CHOKONELIDZE, G. I.: "The problem of evaluating the physicotechnical properties of the saline soils used in hydraulic engineering structures." Min Water Economy Georgian SSR. Georgian Sci Res Inst of Hydraulic Engineering and Soil Improvement (GruzNIIGiM). Toilisi, 1956. (Dissertation for the degree of Doctor in Technical Sciences)

SO: Knishnaya Letopis', No 36, 1956, Moscow.

CHOKOV, Boris Pavlovich; ERIK, Aleksandr Borisovich; GUBAR', V.F., red.

[Production of wall panels from keramzit-perlite concrete]
Proizvodstvo stenovykh panelei iz keramzitoperlitobetona.
Kiev, Budivel'nyk, 1965. 54 p. (MIRA 18:8)

CHOKOV. G.

This year we are good, but next year we shall be better. p. 38. (Kooperativno Zemedelie Vol. 10, no. 8, Aug. 1955, Sofiya)

SO: Monthly List of Bast Muropean Accessions, (MEAL). LC, VOL. 4, No. 11, Nov. 1955, Uncl.

SEMKOV, Angel, prepodavatel'; CHOKOYEV, Zhivko, prepodavatel'; OSTAPENKO, N.H., red.; PASTUKHOV, V.M., red.; KOVAL'ZON, F.P., red.; DORODNOVA, L.A., tekhn.red.

[Training workers in machining metals in industrial schools]
Podgotovka rabochikh po metalloobrabotka v promyshlennykh uchilishchakh. Moskva, Vses.uchabno-padagog.izd-vo Proftekhizdat,
1960. 44 p. (MRA 13:11)

1. Promyshlennoye uchilishche po metalloobrabotke goroda Ruse Bolgarskoy Narodnoy Respubliki (for Semkov, Chokoyev). (Machine shop practice--Study and teaching)

POTOP, I.; BINER, Zh. [Biner, J.]; ZHUVINE, Ye. [Juvina, E.]; CHOKYRDIYA, K.

[Ciocirdia, C.]

Effect of certain lipid fractions of the thymus and spleen on metabolic processes. Biokhimiia 25 no.6:987-990 N-D '60.

(MIRA 14:5)

1. Otdel biokhimii Instituta endokrinologii imeni K.I.Parkhona, Bukharest.

(THYMUS GIAND) (SPLEEN) (LIPIDS) (METABOLISM)

CHOLAJ, H.

CHOLAJ, H. Some problems of commodity exchange denominators as economic incentives in agriculture. P. 5.

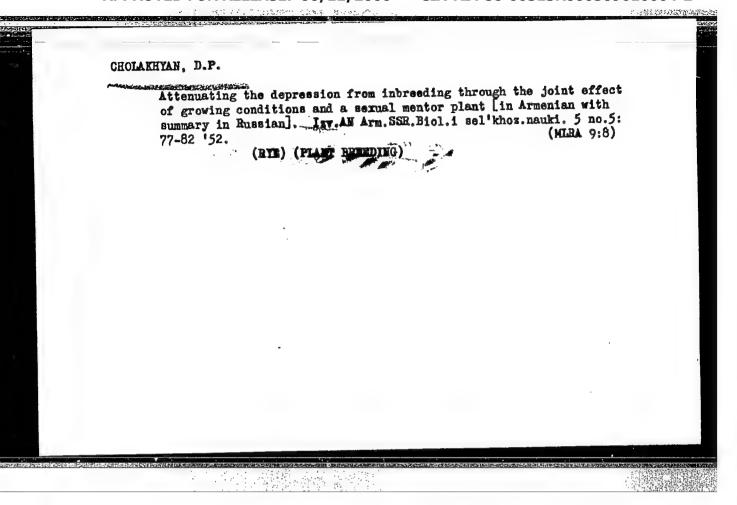
No. 3/4, 1956. ZAGADNIENIA EKONOMIKI ROLNEJ AGRICULTURE Warsazawa, Poland

So: East European Accession, Vol. 6, no. 3, March 1957

CHOLAK, B.I.

36896. Kozhko-vegetativejyye reaktsii u bol'nykh gipertonicheskoy bolezn'yu, lechennykh otritsatel'noy ionizatsiyey i radonovymi vannami. belTrudy Uzbek. gos. Nauch.-issled. in-ta kurortologii i fizioterapii im. Semashko, sbll, 1949, s. 224-31.

SO: Letopis' Ahurnal'Nykh Stay, Vol. 50, Moskva, 1949



CHOLAKHYAH, D. P.

"Control of the Viability of Plants by Pollination." Cand Biol Sci, Yerevan State U, Yerevan, 1953. (RZhBiol, No 1, Sep 54)

SO: Sum 432, 29 Nar 55

CHOLAKHYAN, D.P.

Effect of reduction of the number of stamens in the rye flower on the fertilization process and viability of the offspring. Isv.AN Arm. SSR. Biol. i sel'khoz. nauki 7 no. 6:91-95 Je '54. (MLRA 9:8)

1. Kafedra genetiki i darvinizma biologicheskogo fakuliteta Yerevanskogo gosudarstvennogo universiteta imeni V.M. Molotova.
(Rye)

BATIKYAN, G.G.; CHOLAKHYAN, D.P.

Biology of rye flowering. Izv.AN Arm. SSR. Biol. i sel'khoz. nauki 7 no.11:3-12 N '54. (MLRA 9:8)

1. Kafedra genetiki i dervinizma Yerevanskogo gosudarstvennogo universiteta imeni V.M. Molotova.
(Rye) (Fertilization of plants)

USSR / General Biology - Genetics.

В

Abs Jour: Ref Zhur-Biol., No 9, 1958, 38064.

Author : Batikyan, G.G., Cholakhyan, Inst : Not given.

: Some Biological Problems in Wheat Fertilization. Title

Orig Pub: Nauchn. tr. Erevansk. un-t, 1956, 54, ch. 2,

3-30.

Abstract: The authors conducted erossing of different

varieties of winter and summer wheat and, according to their data, obtained the following results: in crossing, a great influence on grain germination is exerted by the age of the pistil, which is also reflected in the hybrid offspring. Intravariety crossing and repeated pollination in varied combinations produce differing results. In pollination with a mixture

Card 1/2

ATTHIS WAS THE OPEN SELL

CHOLEKHYAN, D.P.

USSR/Cultivated Plants - Grains.

M-2

Abs Jour

: Ref Zhur - Biol., No 7, 1958, 29694

Author

Cholekhyan

Inst

The Effect of Various Pollination Methods on the Intensity

Title

of Rye Pollen Grain Germination.

Orig Pub

: Nauchn. tr. Yerevansk. un-t, 1956, 54, 31-40 (arm.; rez.

russk.).

Abstract

: Onokhoyskaya summer ryc was pollinated with a pollen mixture gathered from many blossoms, pollen from a single stamen and pollen from the same spikelet. In the first case there was a considerable speeding up and more harmonious garmination of the pollen grains and stronger growth of the pollen tubes. The poorest germination of the pollen grain and slowest growth of the pollen tubes

was observed in self-pollination.

Card 1/1

States with an enjoyed

11-4

USSR/Cultivated Plants - Grains.

: Ref Zhur - Biol., No 9, 1953, 39230

Abs Jour

: Batikyan, G.G., Cholakhyan, D.7.

Inst

: As ArmSSR, Biological and Agricultural Sciences.

Title

: Data on the Study of Corn in Some Regions of Armenian SSR.

Orig Pub

: Izv. AN ArmSSR. Biol. i s.-lin. n., 1956, 9, No 3, 39-53.

Abstract

: The results of experiments conducted in 1955 to test 104 varieties, strains and hyporids of corn in various soil and climatic regions of Armenia are given in this study. The highest yield is produced in many cases by the double crossed strain of VIR hybrids, also by the hybrid population of the selection stations of Krasnodar and Northern Ossetia. Early ripening northern varieties which ripen entirely under conditions prevailing in the rountains have

Card 1/2

USSR/Cultivated Plants - Grains.

14-4

Abs Jour : Ref Zhur - Biol., No 9, 1950, 39230

a low productivity. It is recommended that these varieties be utilized as parental forms for hybridization. -- G.N. Chernov

Card 2/2

- 43 --

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000509010004-2

M : USSR COUNTRY CULTIVATED FLANTS, Potatoes. Vegetables. Cucurbits. CATEGORY No. 15662 ABS. JOUR. REF THUR - BIOLOGIYA, NO. 4, 1959, AUTHOR : Batikyana G.G.; Cholakhyan, D.P. : AS Armenian SSR INST. Certain Preliminary Results of Experiments in TITLE Promoting Warmth-loving Vegetable Crops in the Mountain Districts of the Armenian SSR. Izv. AN ArmSSR, Biol. i s.-kh. n., 1957, 10, ORIG. FUB. : No.11, 17-34 Tests were made of 50 varieties of tomato, 15 sorts APSIG.OT of pepper and 19 sorts of eggplant at meters above sea level. Early 1400 to 2000 maturing sorts were evolved by crossing and selection. The training of seedlings at lowered temperatures, large doses of fertilizers contributed to raising the percentage of dry substance in the fruits of tomato and to of hybrid offhastening the development springs. CARD: 1/1

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000509010004-2"

65

(11)等巴蒙拉瓦萨 美国

CHELMAN, Lite

BATIKYAN, G.G.; CHOLAKHYAN, D.P.

Corn in mountain regions for the Armenian S.S.R. IEV.AN Arm. SSR. Biol. i sel'khoz.nauki 10 no.2:35-45 F *57. (MIRA 10:4)

l. Kafedra genetiki i darvinisma biologicheskogo fakuliteta Yerivanskogo gosudarstvennogo universiteta im. V.M. Molotova. (Armenia--Corn (Maize)--Varieties)

BATIKYAN, G.G.; CHOLAKHYAN, D.P.

Behavior of double cross interlinear corn hybrids and hybrid corn populations in the mountain districts of the Armenian S.S.R. Agrobiologiia no.1:56-61 Ja-F '58. (MIRA 11:2)

1. Yerevanskiy gosudarstvennyy universitet, Kafedra genetiki i darvinizma.

(Armenia--Corn (Maize)--Varieties)

LHULLINE IME, D.I BATIKYAN, G.G.: -CHOLAKHYAN, D.P. Effect of different developmental stages of pistils in corn on the process of fertilization and the variation rate in the progeny. Izv. AN Arm. SSR. Biol. i sel'khoz. nauki 11 no.4:53-63 Ap 158. (MIRA 11:5) l. Kafedra darvinizma i genetiki biologicheskogo fakul'teta Yerevanskogo gosudarstvennogo universiteta. (Corn breeding) (Fertilization of plants)